PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. 486 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 11/1/16 to 11/30/16:

- **10BAND LLC WI2XNX 0089-EX-CN-2016**
  New experimental to operate in 6.765 - 7.00 and 7.45 - 8.10 MHz for a program of research and experimentation in the High Frequency
  Fixed: Elburn (Kane), IL

- **BENCHMARK ELECTRONICS WI2XPF 0198-EX-CN-2016**
  New experimental to operate on 1575.00 Mhz for testing GPS.
  Fixed: Rochester (Olmsted), MN

- **COBHAM ADVANCED ELECTRONIC SOLUTIONS INC. WI2XQC 0172-EX-CN-2016**
  New experimental to operate on 3 GHz for testing an antenna array
  Fixed: Lansdale (Mongomery), PA

- **FAIL-SAFE SOLUTIONS, LLC WI2XPB 0077-EX-CN-2016**
  New experimental to operate on 1685.00 and 1696.00 MHz to support UAS-RFTR.
  Fixed & Mobile: Camp Gruber Muskogee), OK

- **GENERAL DYNAMICS WI2XOQ 0135-EX-CN-2016**
  New experimental to operate in 21.6-22 GHz and 22.8-23.18 GHz for verification of Point-to-Point backhaul radio operation for 8 production transportable systems and a lab node.
  Fixed: Scottsdale (Maricopa), AZ

- **GENERAL DYNAMICS WI2XOV 0143-EX-CN-2016**
  New experimental to operate in 21.6-22 GHz and 22.8-23.18 GHz for verification of Point-to-Point backhaul radio operation for 8 production transportable systems and a lab node.
  Fixed: Phoenix (Maricopa), AZ

- **HARRIS CORPORATION WI2XNV 0475-EX-PL-2016**
  New experimental to operate on 6123.10 MHz to support United States Navy Naval Research Lab contract.
  Fixed: Clifton (Passaic), NJ

- **KONGSBERG UNDERWATER TECHNOLOGY, INC. WI2XNT 0037-EX-CN-2016**
  New experimental to operate in 5852.00 - 5872.00 MHz to test and demonstrate maritime broadband radio.
  Mobile: Chandeleur Sound, LA

- **LEIDOS WI2XOR 0079-EX-CN-2016**
  New experimental to operate in 1775.00 - 1795.00 MHz to test UAS.
  Mobile: Huntsville (Madison), AL; Dellrose (Lincoln), TN

- **LOCKHEED MARTIN CORPORATION WI2XNP 0060-EX-CN-2016**
  New experimental to operate on 3050.00 and 9410.00 MHz to test airborne passive RF receiver.
  Fixed & Mobile: Aztec, AZ

- **NORTHROP GRUMMAN SYSTEMS CORPORATION WI2XOE 0066-EX-CN-2016**
  New experimental to operate on 1090 MHz for verification testing of the AN/TPS-80 G/ATOR system IFF interrogator.
  Fixed: Hanover (Anne Arundel), MD

- **NORTHROP GRUMMAN SYSTEMS CORPORATION WI2XPX 0244-EX-CN-2016**
  New experimental to operate in 824-849 MHz, 869-894 MHz, 1850-1910 MHz and 1930-1990 MHz to investigate and test methods of transmitting data from an aircraft-mounted pod to an Apple iPad receiver in the cockpit.
  Mobile: Tucson, AZ: max altitude 45,000 ft MSL

- **ONEIDA, COUNTY OF WI2XOS 0059-EX-CN-2016**
  New experimental to operate on 9.3 GHz for Radar testing
  Mobile: Rome (Oneida), NY

- **ORBITAL ATK WI2XPR 0073-EX-CN-2016**
  New experimental to operate on 2 GHz and 5 GHz for launch vehicle testing
  Fixed & Mobile: Antares Launch Vehicle, Wallops Island, VA

- **QUAKE GLOBAL, INC WI2XOP 0128-EX-CN-2016**
  New experimental to operate in 5850.00 - 5925.00 MHz to test equipment for transportation industries.
  Fixed & Mobile: Kerney Mesa, CA

- **SITECH LOUISIANA LLC WI2XNY 0534-EX-PL-2016**
  New experimental to operate on 1575.42 MHz to use a GPS re-radiator to aid in testing of GPS equipment.
  Fixed: Baton Rouge (East Baton Rouge), LA

- **SKIDAWAY INSTITUTE OF OCEANOGRAPHY WI2XPI 0094-EX-CN-2016**
  New experimental to operate radar on 13.5 MHz for ocean and wave research.
  Fixed: Ocracoke, Frisco, Buxton and Salvo (Dare), NC

- **TYVAK NANO-SATELLITE SYSTEMS, INC. WI2XKK 0398-EX-PL-2016**
  New experimental to operate in 399.90 - 400.05 MHz for testing Cubesat.
  Mobile: Nongeostationary Space Orbit

- **UNIVERSITY OF KENTUCKY WI2XLU 0332-EX-PL-2016**
  New experimental to operate on 437.45 MHz to test CubeSat.
  Mobile: Nongeostationary Space Orbit

- **WIRELESS MEASUREMENT LIMITED WI2XPA 0178-EX-CN-2016**
  New experimental to operate in 2400.00 - 2483.50 MHz for testing equipment.
  Mobile Denton, TX